

ABSTRACT

A method and imaging apparatus for increasing the perceived resolution and decreasing the pixelisation of an image in applications involving a digital imaging apparatus comprising a lens and an imaging device, such as a display or a sensor, with a relatively low native resolution and comprising an array of pixels, the imaging device being used to sample the image, whereby the method consists of increasing the sampling rate, thereby sampling the image a multiple times, and, for each subsequent sampling, offsetting the apparent relative position between the imaging device and the lens.

Figure 4